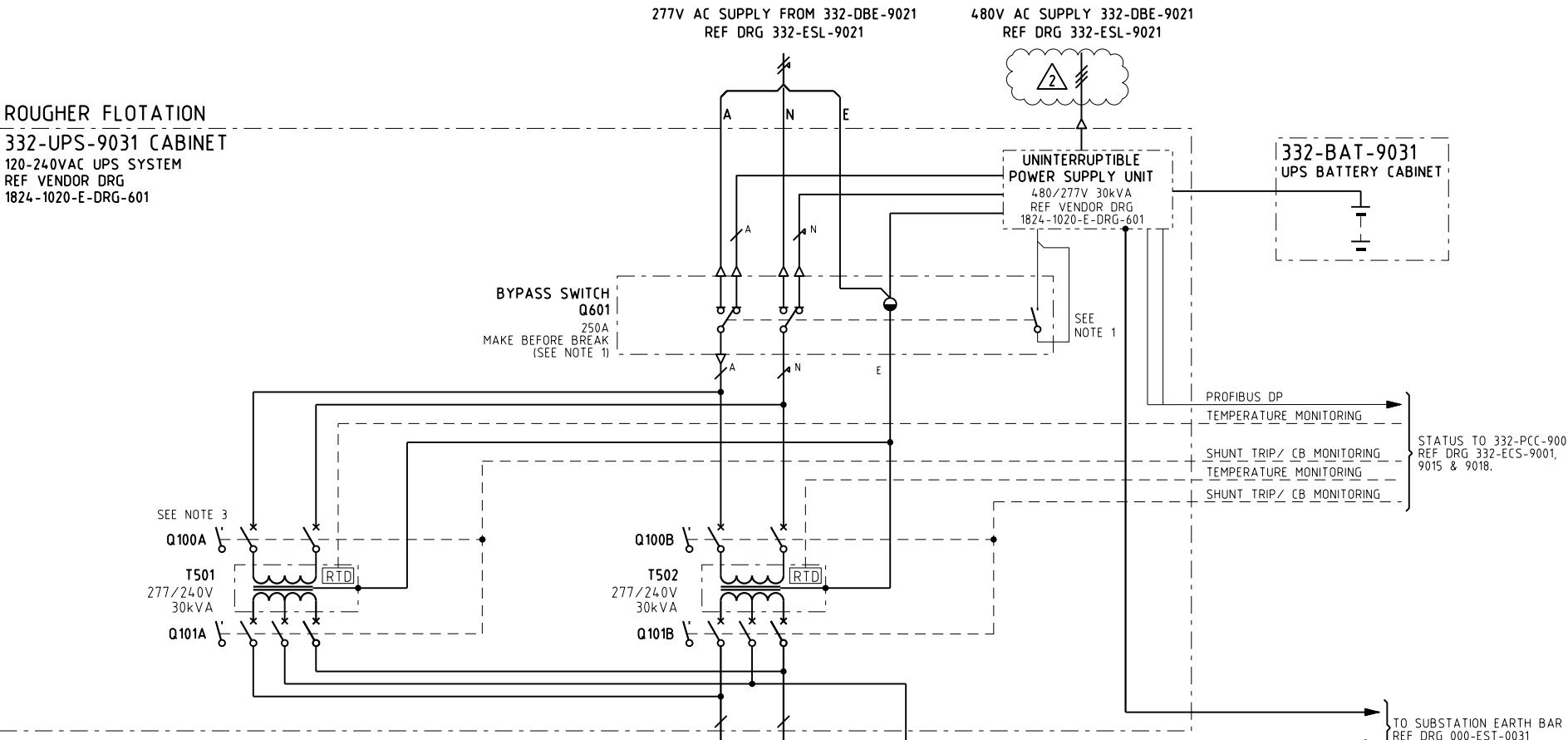


REVISIONS				
REV	DESCRIPTION	DRN	CHK	ENG
2	REVISED AS NOTED	KH	KR	JT
1	332-COM-9003 SUPPLY DELETED	KH	KR	JT
0	ISSUED FOR CONSTRUCTION	KH	KR	JM
DATE				
REV				
DESCRIPTION				
DRN				
CHK				
ENG				
DATE				
REV				
DESCRIPTION				
DRN				
CHK				
ENG				
DATE				
REFERENCE DRAWINGS				
DRAWING No.				
DESCRIPTION				
CLIENT				
DRAWN				
CHECKED				
DISCIPLINE				
PRINCIPAL				
ENGINEER				
CLIENT				
SCALE				
N.T.S				
A1				
DRG. No.				
332-ESL-9031				
CLIENT PROJECT NUMBER				
1824				
REV. No.				
2				

ROUGHER FLOTATION

332-UPS-9031 CABINET

120-240VAC UPS SYSTEM
REF VENDOR DRG
1824-1020-E-DRG-601



332-DBE-9031

240V/120V AC UPS DISTRIBUTION BOARD
FAULT RATING 16kA FOR 1 SECOND

DESCRIPTION	CIRCUIT BREAKER RATING	CIRCUIT NUMBER	CIRCUIT NUMBER	CIRCUIT BREAKER RATING	DESCRIPTION
332-PCC-9001 PROCESS CONTROL CUBICLE REFER DRG 332-ECS-9011	32A	1	2	32A	SPARE
332-COM-9001 COMMS CABINET REFER DRG 332-EGA-9001	20A	3	4	20A	332-COM-9002 COMMS CABINET REFER DRG 332-EGA-9002
SPARE	20A	5	6	20A	SPARE
332-PSU-9001 VESDA POWER SUPPLY REFER DRG 332-ETM-9008	16A	7	8	16A	332-FIP-9001 FIRE ALARM CONTROL PANEL REFER DRG 332-ETM-9007
332-PSU-9002 VESDA POWER SUPPLY REFER DRG 332-ETM-9010	16A	9	10	80A	332-DBE-9032 ROUGHER SUBSTATION SERVER ROOM UPS DISTRIBUTION BOARD
332-PSU-9003 VESDA POWER SUPPLY REFER DRG 332-ETM-9011	20A	11	12	20A	332-BAT-9201 VESDA BATTERY CHARGER REF DRG 332-ETM-9008
332-BAT-9401 VESDA BATTERY CHARGER REF DRG 332-ETM-9011	20A	13	14	20A	SPARE
SPARE	20A	15	16	25A	SPARE
332-CPL-1101 FIELD CONTROL PANEL REF DRG 332-ECS-1111	25A	17	18	25A	332-CPL-2101 FIELD CONTROL PANEL REF DRG 332-ECS-2111
332-CPL-3101 FIELD CONTROL PANEL REF DRG 332-ECS-3111	25A	19	20	25A	332-CPL-4101 FIELD CONTROL PANEL REF DRG 332-ECS-4111
332-CPL-9101 FIELD CONTROL PANEL REF DRG 332-ECS-9111	25A	21	22	25A	332-CPL-9201 FIELD CONTROL PANEL REF DRG 332-ECS-9211
332-CPL-9301 FIELD CONTROL PANEL REF DRG 332-ECS-9311	25A	23	24	25A	332-CPL-9401 FIELD CONTROL PANEL REF DRG 332-ECS-9411
332-CPL-9501 FIELD CONTROL PANEL REF DRG 332-ECS-9511	25A	25	26	25A	332-CPL-9601 FIELD CONTROL PANEL REF DRG 332-ECS-9611
392-CPL-9201 FIELD CONTROL PANEL REF DRG 392-ECS-9211	25A	27	28	25A	SPARE
SPARE	25A	29	30	25A	SPARE
SPARE	25A	31	32	25A	SPARE
SPARE	25A	33	34	25A	SPARE
SPARE	20A	35	36	20A	SPARE
SPARE	20A	37	38	20A	SPARE

NOTES

- TYPICAL BYPASS SWITCH: BYPASS SWITCH CANNOT BE OPERATED WHILE THE UPS UNIT IS ON LINE. AN EARLY MAKE AUXILIARY CONTACT MUST SWITCH THE UPS TO STATIC BYPASS BEFORE THE POWER CONTACTS CHANGE OVER. REFER TO THE VENDOR DOCUMENTS FOR THE FUNCTIONAL DESCRIPTION.
- SURGE PROTECTOR TO BE SPLIT PHASE TYPE (3W+G).
- VENDOR TO ADVISE CIRCUIT BREAKER SIZES.